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IN - AIHARA R; KAWAI T; SATO M

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M3 - [01] A313 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M730
M903 M910 Q421

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PA - (CATA-N) CATALER KOGYO KK

PN - JP62262745 A 19871114 DW198751
JP5073461B B 19931014 DW199344

PR - JP19860105863 19860509

XIC - B01J-021/04; B01D-053/36; B01J-023/46; B01J-032/00; B01J-035/04

AB - Catalytic support (A) consists of honeycomb-shaped monolithic base body, on whose inside surface alpha-alumina and theta-alumina are coated in the gas-upstream region and one or both of delta-alumina and gamma-alumina is coated in the gas-downstream region.

- USE/ADVANTAGE :

(A) is used for cleaning a waste gas exhausted from internal combustion engine of car, after supporting catalytic metals such as Pt, Pd and/or Rh. Mainly delta-alumina is currently used for coating the inside surface of the monolithic base body of cordielite, to increase the specific surface area of the surface. However, the alumina-layer of this type of (1) is easily sintered in the gas-upstream region because of the high temp. of the waste gas. (1) is improved in this disadvantage of the currently used ones.

INW - AIHARA R; KAWAI T; SATO M

IW - CATALYST SUPPORT CLEAN WASTE GAS COMPRISE MONOLITHIC BASE BODY ALPHA THETA ALUMINA COATING UPSTREAM REGION DELTA GAMMA DOWN STREAM

IWW - CATALYST SUPPORT CLEAN WASTE GAS COMPRISE MONOLITHIC BASE BODY ALPHA THETA ALUMINA COATING UPSTREAM REGION DELTA GAMMA DOWN STREAM

NC - 1

NPN - 2

OPD - 1986-05-09

PAW - (CATA-N) CATALER KOGYO KK

PD - 1987-11-14

TI - Catalytic support for cleaning waste gas - comprises monolithic base body with alpha-and theta-alumina coated in gas upstream region, delta-and gamma-alumina down stream